

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

<b>In re United States Patent Application of:</b>	)	<b>Docket No.:</b>	<b>020540-5</b>
)		<b>Examiner:</b>	<b>Kahsay Habte</b>
<b>Applicant:</b>	<b>Davuluri Rammohan Rao, et al..</b>	)	
)		<b>Art Unit:</b>	<b>1614</b>
<b>Application No.:</b>	<b>10/578,078</b>	)	
)		<b>Conf. No.:</b>	<b>4889</b>
<b>371(c) Date</b>	<b>March 7, 2007</b>	)	
)		<b>Customer No.:</b>	
<b>Title:</b>	<b>PROCESS FOR THE PREPARATION OF LEVOFLOXACIN HEMIHYDRATE</b>	)	
)			<b>24239</b>

**PETITION FOR WITHDRAWAL OF REPRESENTATION UNDER  
37 CFR §1.36 IN U.S. PATENT APPLICATION NO. 10/578,078**

Mail Stop Petition  
Commissioner for Patents  
PO Box 1450  
Alexandria, VA 22313-1450

Sir:

Request hereby is made under the provisions of 37 CRF §1.36 and 37 CFR §10.40 for the withdrawal of the undersigned (Registration No. 39983) and attorneys associated with Customer No. 24239, as attorneys of record in the above-identified US Patent Application.

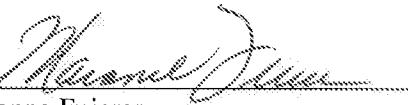
The above identified application is owned by Neuland Laboratories Limited, as evidenced by enclosed cover sheet of the corresponding PCT application of which the current application was a 35 USC §371 filing thereof. The undersigned attorney, being an attorney of Moore & Van Allen PLLC under the Customer Number 24239, has been contacted by the foreign representative of applicants and requested the return of all files as evidenced by the attached email.

Currently the above-identified application has no outstanding office action. The undersigned attorney requests that all attorneys associated with Customer Number 24239 be granted the right to withdraw from representation of the above-identified application according to the request of the applicants.

Respectfully submitted,

MOORE & VAN ALLEN PLLC

Date: March 10, 2009

By:   
Marianne Fuierer

Registration No. 39,983  
Moore & Van Allen  
430 Davis Drive, Suite 500  
Morrisville, NC 27560-6832  
Telephone: (919) 286-8000  
Facsimile: (919) 286-8199

**Marianne Fuierer**

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**From:** indu [indulekha@chennai.kochhar.com]  
**Sent:** Monday, March 09, 2009 5:38 AM  
**To:** Marianne Fuierer  
**Cc:** nair@chennai.kochhar.com; 'Rodney D Ryder'  
**Subject:** RE: Resending Letter to Mr. Ramasarma 1-14-09.DOC

Dear Marianne,

Received with thanks the files pertaining to Neuland Laboratories Ltd.

Regards,

Indu.

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**From:** indu [mailto:indulekha@chennai.kochhar.com]  
**Sent:** Thursday, March 05, 2009 10:54 AM  
**To:** 'Marianne Fuierer'  
**Cc:** 'nair@chennai.kochhar.com'; 'Rodney D Ryder'  
**Subject:** RE: Resending Letter to Mr. Ramasarma 1-14-09.DOC

Dear Marianne,

Thank you very much for your assistance in the matter.

Please send all the files relating to Neuland Patent applications to us in the below address:

KOCHHAR & CO.  
Advocates & Legal Consultants  
Suite 301, Sigma Wing  
Third Floor, 'Raheja Towers'  
# 177, Anna Salai  
Chennai-600 002,  
Tamil Nadu, India  
Tel: + 91 44 43520042 / 43520043

Regards,

Indu.

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**From:** Marianne Fuierer [mailto:mariannefuierer@mvalaw.com]  
**Sent:** Friday, February 27, 2009 4:52 PM  
**To:** indu  
**Subject:** RE: Resending Letter to Mr. Ramasarma 1-14-09.DOC

Thank you, we will await further instructions.

(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(19) World Intellectual Property Organization  
International Bureau



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11 May 2006 (11.05.2006)

PCT

(10) International Publication Number  
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- (21) International Application Number:  
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- (22) International Filing Date:  
8 November 2004 (08.11.2004)
- (25) Filing Language: English
- (26) Publication Language: English
- (71) Applicant (*for all designated States except US*): **NEULAND LABORATORIES LTD. [IN/IN]**; Flat No. 204, IIInd Floor, Meridian Plaza, 6-3-853/1, Ameerpet, Hyderabad 500 016, Andhra Pradesh (IN).
- (72) Inventors; and
- (75) Inventors/Applicants (*for US only*): **RAMMOHAN RAO, Davuluri [IN/IN]**; Neuland Laboratories Ltd., Flat No. 204, IIInd Floor, Meridian Plaza, 6-3-853/1, Ameerpet, Hyderabad 500 016, Andhra Pradesh (IN). **DWIVEDI, Shriprakash, Dhar [IN/IN]**; Neuland Laboratories Ltd., Flat No. 204, IIInd Floor, Meridian Plaza, 6-3-853/1, Ameerpet, Hyderabad 500 016, Andhra Pradesh (IN). **SREENIVASULU, Pamujula [IN/IN]**; Neuland Laboratories Ltd., Flat No. 204, IIInd Floor, Meridian Plaza, 6-3-853/1, Ameerpet, Hyderabad 500 016, Andhra Pradesh (IN). **SAHU, Arabinda [IN/IN]**; Neuland Laboratories Ltd., Flat No. 204, IIInd Floor, Meridian Plaza, 6-3-853/1, Ameerpet, Hyderabad 500 016, Andhra Pradesh (IN). **TRINADHACHARI, Ganala, Naga [IN/IN]**; Neuland Laboratories Ltd., Flat No. 204, IIInd Floor, Meridian Plaza, 6-3-853/1, Ameerpet, Hyderabad 500 016, Andhra Pradesh (IN). **SASI KIRAN, Surapaneni [IN/IN]**; Neuland Laboratories Ltd., Flat No. 204, IIInd Floor, Meridian Plaza, 6-3-853/1, Ameerpet, Hyderabad 500 016, Andhra Pradesh (IN).
- (74) Common Representative: **RAMMOHAN RAO, Davuluri**; Neuland Laboratories Ltd., Flat No. 204, IIInd Floor, Meridian Plaza, 6-3-853/1, Ameerpet, Hyderabad 500 016, Andhra Pradesh (IN).
- (81) Designated States (*unless otherwise indicated, for every kind of national protection available*): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.
- (84) Designated States (*unless otherwise indicated, for every kind of regional protection available*): ARIPO (BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

Declaration under Rule 4.17:

— *of inventorship (Rule 4.17(iv))*

Published:

— *with international search report*

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

(54) Title: AN IMPROVED PROCESS FOR THE PREPARATION OF LEVOFLOXACIN HEMIHYDRATE

(57) Abstract: The present invention relates to an improved process for preparation of Levofloxacin hemihydrate having single individual impurity not more than 0.1% and free from particulate matter and from the other enantiomer (R-form) which comprises dissolving levofloxacin technical grade in aqueous alkaline solution, treating the resulting solution with activated carbon at room temperature, removing the undissolved particulate matter filtration, bringing the pH of the aqueous alkaline levofloxacin solution to neutral using dilute mineral acid, removing the precipitated particulate matter by filtration, acidifying the resulting solution, treating the acidified solution with activated carbon at room temperature, filtering the undissolved particulate matter by filtration, neutralizing the acidic solution, filtering again to remove any particulate matter present and, extracting the resulting product with chlorinated solvent and concentrating under vacuum using aqueous tetrahydrofuran or in admixture with other organic solvents to get highly pure levofloxacin hemihydrate having single individual impurity is less than 0.1% and free from particulate matter and from the other enantiomer (R-form).

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WO 2006/048889